

Session Title:	[Th1J] Plasmonics II
Session Date:	August 8 (Thu.), 2024
Session Time:	11:00-12:30
Session Room:	Room J (201-202)
Session Chair(s)	Prof. Ji-Hyeok Huh (Hanyang Univ., Korea), Prof. Jongwon Lee (UNIST, Korea)

[Th1J-1] [Invited] 11:00-11:30

Proving the Mechanism of Plasmon-Assisted Photo Catalysis with Anti-Stokes SERS Spectroscopy

Zee Hwan Kim (Seoul Nat'l Univ., Korea)

[Th1J-2] 11:30-11:45

Surface Enhanced Raman Scattering on Plasmonic Nanostructures Using Cell Manipulation

Kwanhwi Ko, Hajun Yoo, Hyunwoong Lee, Young Hee Seo, Sangheon Han, Won Seok Chang, and Donghyun Kim (Yonsei Univ., Korea)

[Th1J-3] 11:45-12:00

Simultaneous Measurement of Light Absorption and Near-field Enhancement Based on Angle-resolved Nanospectroscopy

Seongmin Im, Hongki Lee, Changhun Lee, Hyunwoong Lee (Yonsei Univ., Korea), Shi-Wei Chu (Nat'l Taiwan Univ., Taiwan), Aaron Ho-Pui Ho (The Chinese Univ. of Hong Kong, Hong Kong S.A.R), and Donghyun Kim (Yonsei Univ., Korea)

[Th1J-4] 12:00-12:15

Au Supraball for Plasmonic Sensing

Kyung Hun Rho, Jaewon Lee, and Seungwoo Lee (Korea Univ., Korea)

[Th1J-5] 12:15-12:30

Enhanced Cherenkov Radiation from the Topology Transition

Juan-Feng Zhu (Singapore Univ. of Tech. and Design, Singapore), Zi-Wen Zhang (Peking Univ., China), and Lin Wu (Singapore Univ. of Tech. and Design, Singapore)